

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:ssptasxsl626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPICI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPICI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRSEARCH reloaded with enhancements
NEWS EXPRESS	FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008		
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

***** STN Columbus *****

FILE 'HOME' ENTERED AT 13:32:56 ON 28 MAY 2008

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:33:15 ON 28 MAY 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 MAY 2008 HIGHEST RN 1023132-78-6

DICTIONARY FILE UPDATES: 27 MAY 2008 HIGHEST RN 1023132-78-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

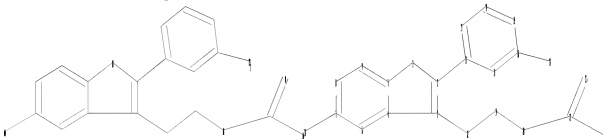
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdnoc/properties.html>

=>

Uploading C:\Documents and Settings\sshterengarts\My Documents\Sam's Documents\STN STRUCTURES\10583804species.str



chain nodes :

10 12 18 19 20 21 22 23

ring nodes :

1 2 3 4 5 6 7 8 9 11 13 14 15 16 17

chain bonds :

2-11 3-12 7-10 12-19 16-18 19-20 20-21 21-22 21-23

ring bonds :

1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 11-13 11-17 13-14 14-15 15-16 16-17

exact/norm bonds :

1-2 1-5 2-3 3-4 19-20 20-21 21-23

exact bonds :

2-11 3-12 7-10 12-19 16-18 21-22

normalized bonds :

4-5 4-6 5-9 6-7 7-8 8-9 11-13 11-17 13-14 14-15 15-16 16-17

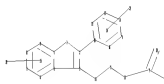
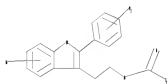
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS

L1 STRUCTURE UPLOADED

=>

Uploading C:\Documents and Settings\sshterengarts\My Documents\Sam's Documents\STN
STRUCTURES\10583804specobvariant.str



chain nodes :

11 17 18 19 20 21 22 23

ring nodes :

1 2 3 4 5 6 7 8 9 10 12 13 14 15 16

chain bonds :

2-10 3-11 11-17 17-18 18-19 19-20 19-21

ring bonds :

1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-12 10-16 12-13 13-14 14-15
15-16

exact/norm bonds :

1-2 1-5 2-3 3-4 17-18 18-19 19-20 19-21

exact bonds :

2-10 3-11 11-17

normalized bonds :

4-5 4-6 5-9 6-7 7-8 8-9 10-12 10-16 12-13 13-14 14-15 15-16

G1:H,CH3,Et

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 25:Atom 26:Atom

L2 STRUCTURE UPLOADED

=> s l1 sss full
FULL SEARCH INITIATED 13:33:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 308 TO ITERATE

100.0% PROCESSED 308 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1

=> s l2 sss full
FULL SEARCH INITIATED 13:34:03 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 193 TO ITERATE

100.0% PROCESSED 193 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L4 2 SEA SSS FUL L2

=> file capl		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	356.26	356.47

FILE 'CAPLUS' ENTERED AT 13:34:06 ON 28 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 28 May 2008 VOL 148 ISS 22
FILE LAST UPDATED: 27 May 2008 (20080527/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l3
L5 1 L3

=> s l4
L6 1 L4

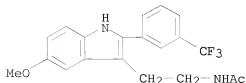
=> s l5 or l6
L7 1 L5 OR L6

=> d 17 ibib hitstr

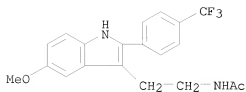
L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:612009 CAPLUS
DOCUMENT NUMBER: 143:115396
TITLE: Preparation of aryl substituted melatonin derivatives
as anesthetics
INVENTOR(S): Tao, Chunlin; Yu, Chengzhi; Desai, Neil P.; Trieu,
Vuong
PATENT ASSIGNEE(S): American Bioscience, Inc, USA
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005062992	A2	20050714	WO 2004-US43997	20041223
WO 2005062992	A3	20050818		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2551117	A1	20050714	CA 2004-2551117	20041223
EP 1701718	A2	20060920	EP 2004-815983	20041223
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS			
US 20070191463	A1	20070816	US 2007-583804	20070123
PRIORITY APPLN. INFO.:			US 2003-531955P	P 20031223
			WO 2004-US43997	W 20041223

OTHER SOURCE(S): CASREACT 143:115396; MARPAT 143:115396
IT 857283-45-5P 857283-46-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of aryl melatonin derivs. as anesthetics)
RN 857283-45-5 CAPLUS
CN Acetamide, N-[2-[5-methoxy-2-[3-(trifluoromethyl)phenyl]-1H-indol-3-yl]ethyl]- (CA INDEX NAME)

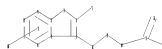
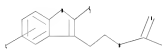


RN 857283-46-6 CAPLUS
CN Acetamide, N-[2-[5-methoxy-2-[4-(trifluoromethyl)phenyl]-1H-indol-3-yl]ethyl]- (CA INDEX NAME)



=>

Uploading C:\Documents and Settings\sshterengarts\My Documents\Sam's Documents\STN
STRUCTURES\10583804.str



```

chain nodes :
10 11 12 13 14 15 16
ring nodes :
1 2 3 4 5 6 7 8 9
ring/chain nodes :
18
chain bonds :
2-11 3-12 12-13 13-14 14-15 15-16 15-18
ring bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9
exact/norm bonds :
1-2 1-5 2-3 2-11 3-4 13-14 14-15 15-16
exact bonds :
3-12 12-13 15-18
normalized bonds :
4-5 4-6 5-9 6-7 7-8 8-9

```

G1:Cb,Cy,Hy

G2:MeO,EtO,n-PrO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:CLASS

L8 STRUCTURE UPLOADED

=> s l8 sss full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 13:40:35 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 268520 TO ITERATE

98.5% PROCESSED 264457 ITERATIONS 30 ANSWERS

100.0% PROCESSED 268520 ITERATIONS 36 ANSWERS
SEARCH TIME: 00.00.18

L9 36 SEA SSS FUL L8

L10 39 L9

=> d l10 1-39 ibib hitstr

L10 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:1364083 CAPLUS

DOCUMENT NUMBER: 148:1117

TITLE: Melatonin agonist for treatment of depressive disorders

INVENTOR(S): Wolfgang, Curt D.; Polymeropoulos, Mihael H.

PATENT ASSIGNEE(S): Vanda Pharmaceuticals, Inc., USA

SOURCE: PCI Int. Appl., 24pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007137227	A1	20071129	WO 2007-US69373	20070521
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.: US 2006-747861P P 20060522

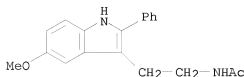
IT 151889-03-1, 2-Phenylmelatonin 151889-03-1D,

2-Phenylmelatonin, metabolites

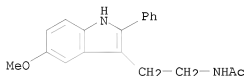
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)

(melatonin agonist for treatment of depressive disorders)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)

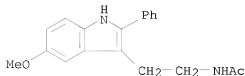


L10 ANSWER 2 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2007:1363699 CAPLUS
 DOCUMENT NUMBER: 148:24465
 TITLE: Melatonin agonist and antipsychotic agent combinations for treatment of insomnia
 INVENTOR(S): Polymeropoulos, Mihael H.; Wolfgang, Curt D.; Birznies, Gunther; Phadke, Deepak
 PATENT ASSIGNEE(S): Vanda Pharmaceuticals, Inc., USA
 SOURCE: PCT Int. Appl., 20pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

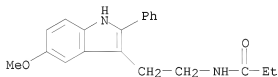
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007137224	A2	20071129	WO 2007-US69366	20070521
WO 2007137224	A3	20080124		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				

PRIORITY APPLN. INFO.: US 2006-747866P P 20060522
 IT 151889-03-1, 2-Phenylmelatonin
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (melatonin agonist and antipsychotic agent combinations for treatment of insomnia)
 RN 151889-03-1 CAPLUS

CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



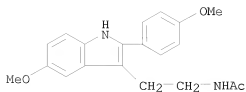
L10 ANSWER 3 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:344616 CAPLUS
DOCUMENT NUMBER: 146:454168
TITLE: Towards the development of mixed MT1-agonist/MT2-
antagonist melatonin receptor ligands
AUTHOR(S): Spadoni, Gilberto; Bedini, Annalida; Guidi, Tomaso;
Tarzia, Giorgio; Lucini, Valeria; Pannacci, Marilou;
Fraschini, Franco
CORPORATE SOURCE: Istituto di Chimica Farmaceutica e Tossicologica,
Universita degli Studi di Urbino "Carlo Bo", Urbino,
61029, Italy
SOURCE: ChemMedChem (2006), 1(10), 1099-1105
CODEN: CHEMGX; ISSN: 1860-7179
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 146:454168
IT 161500-96-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(towards the development of mixed MT1-agonist/MT2-antagonist melatonin
receptor ligands)
RN 161500-96-5 CAPLUS
CN Propanamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX
NAME)



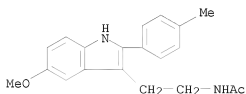
REFERENCE COUNT: 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:612009 CAPLUS
DOCUMENT NUMBER: 143:115396
TITLE: Preparation of aryl substituted melatonin derivatives
as anesthetics
INVENTOR(S): Tao, Chunlin; Yu, Chengzhi; Desai, Neil P.; Trieu,
Vuong
PATENT ASSIGNEE(S): American Bioscience, Inc, USA
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

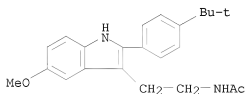
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005062992	A2	20050714	WO 2004-US43997	20041223
WO 2005062992	A3	20050818		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2551117	A1	20050714	CA 2004-2551117	20041223
EP 1701718	A2	20060920	EP 2004-815983	20041223
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
US 20070191463	A1	20070816	US 2007-583804	20070123
PRIORITY APPLN. INFO.:			US 2003-531955P	P 20031223
			WO 2004-US43997	W 20041223
OTHER SOURCE(S): CASREACT 143:115396; MARPAT 143:115396				
IT 151889-03-1P 857283-41-1P 857283-42-2P				
857283-43-3P 857283-44-4P 857283-45-5P				
857283-46-6P				
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
(preparation of aryl melatonin derivs. as anesthetics)				
RN	151889-03-1 CAPLUS			
CN	Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)			
RN	857283-41-1 CAPLUS			
CN	Acetamide, N-[2-[2-(4-fluorophenyl)-5-methoxy-1H-indol-3-yl]ethyl]- (CA INDEX NAME)			
RN	857283-42-2 CAPLUS			
CN	Acetamide, N-[2-[5-methoxy-2-(4-methoxyphenyl)-1H-indol-3-yl]ethyl]- (CA INDEX NAME)			



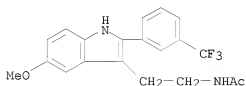
RN 857283-43-3 CAPLUS
 CN Acetamide, N-[2-[5-methoxy-2-(4-methylphenyl)-1H-indol-3-yl]ethyl]- (CA INDEX NAME)



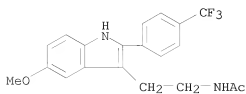
RN 857283-44-4 CAPLUS
 CN Acetamide, N-[2-[2-[4-(1,1-dimethylethyl)phenyl]-5-methoxy-1H-indol-3-yl]ethyl]- (CA INDEX NAME)



RN 857283-45-5 CAPLUS
 CN Acetamide, N-[2-[5-methoxy-2-[3-(trifluoromethyl)phenyl]-1H-indol-3-yl]ethyl]- (CA INDEX NAME)



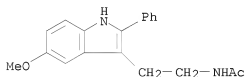
RN 857283-46-6 CAPLUS
 CN Acetamide, N-[2-[5-methoxy-2-[4-(trifluoromethyl)phenyl]-1H-indol-3-yl]ethyl]- (CA INDEX NAME)



L10 ANSWER 5 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:547278 CAPLUS
 DOCUMENT NUMBER: 143:71772
 TITLE: Methods and compositions for treatment of hypertension
 INVENTOR(S): Czeisler, Charles A.; Scheer, Frank A. J. L.
 PATENT ASSIGNEE(S): The Brigham and Women's Hospital, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 27 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050137247	A1	20050623	US 2004-20626	20041222
WO 2005063240	A1	20050714	WO 2004-US43758	20041222
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2003-531769P P 20031222
 OTHER SOURCE(S): MARPAT 143:71772
 IT 151889-03-1, 2-Phenylmelatonin
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (melatonin receptor agonists for treatment of hypertension)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



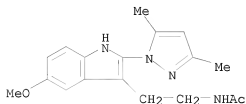
L10 ANSWER 6 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:106021 CAPLUS
 DOCUMENT NUMBER: 142:254966
 TITLE: Cardioprotective activity of melatonin and its novel synthesized derivatives on doxorubicin-induced cardiotoxicity
 AUTHOR(S): Ahmed, Hanaa H.; Manna, Fathia; Elmegeed, Gamal A.; Doss, Senot H.
 CORPORATE SOURCE: Hormones Department, National Research Centre, Giza, Egypt
 SOURCE: Bioorganic & Medicinal Chemistry (2005), 13(5), 1847-1857
 CODEN: BMECEP; ISSN: 0968-0896
 PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 142:254966
IT 846066-47-5P

RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(cardioprotective activity of melatonin and its novel synthesized derivs. on doxorubicin-induced cardiotoxicity)

RN 846066-47-5 CAPLUS

CN Acetamide, N-[2-[2-(3,5-dimethyl-1H-pyrazol-1-yl)-5-methoxy-1H-indol-3-yl]ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 78 THERE ARE 78 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 7 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:968049 CAPLUS

DOCUMENT NUMBER: 142:113785

TITLE: Convenient synthesis of melatonin analogues: 2- and 3-substituted -N-acetylmethylalkylamines

AUTHOR(S): Nenajdenko, Valentine G.; Zakurdaev, Eugene P.;

Prusov, Eugene V.; Balenkova, Elizabeth S.

CORPORATE SOURCE: Department of Chemistry, Moscow State University, Moscow, 119992, Russia

SOURCE: Tetrahedron (2004), 60(51), 11719-11724

CODEN: TETRAB; ISSN: 0040-4020

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

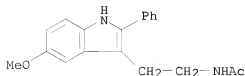
OTHER SOURCE(S): CASREACT 142:113785

IT 151889-03-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of melatonin analog using N-(8-oxoalkyl)acetamide and phenylhydrazine as reactants)

RN 151889-03-1 CAPLUS

CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:623766 CAPLUS

DOCUMENT NUMBER: 141:328737

TITLE: Melatonin binding sites in the brain of European sea bass (*Dicentrarchus labrax*)

AUTHOR(S): Bayarri, Maria Jose; Garcia-Allegue, Rosa; Munoz-Cueto, Jose Antonio; Madrid, Juan Antonio; Tabata, Mitsuo; Sanchez-Vazquez, F. Javier; Iigo, Masayuki

CORPORATE SOURCE: Department of Physiology and Pharmacology, Faculty of Biology, University of Murcia, Murcia, 30100, Spain

SOURCE: Zoological Science (2004), 21(4), 427-434
CODEN: ZOSCEX; ISSN: 0289-0003

PUBLISHER: Zoological Society of Japan

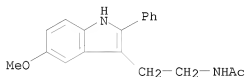
DOCUMENT TYPE: Journal

LANGUAGE: English

IT 151889-03-1, 2-Phenylmelatonin
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(melatonin analogs and neurotransmitters effects on iodomelatonin binding by receptors of brain of European sea bass *Dicentrarchus labrax*)

RN 151889-03-1 CAPLUS

CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 39 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2004:30405 CAPLUS

DOCUMENT NUMBER: 140:335904

TITLE: Characterization of melatonin binding sites in the brain and retina of the frog *Rana perezi*

AUTHOR(S): Isorna, Esther; Guijarro, Ana; Jesus Delgado, Maria; Alonso-Bedate, Mercedes; Alonso-Gomez, Angel L.

CORPORATE SOURCE: Facultad de Biología, Departamento de Fisiología (Fisiología Animal II), Universidad Complutense de Madrid, Madrid, 28040, Spain

SOURCE: General and Comparative Endocrinology (2004), 135(3), 259-267
CODEN: GCENA5; ISSN: 0016-6480

PUBLISHER: Elsevier Science

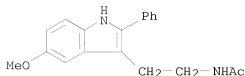
DOCUMENT TYPE: Journal

LANGUAGE: English

IT 151889-03-1, 2-Phenyl-melatonin
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(melatonin analogs effects on iodomelatonin binding by receptors of brain and retina of frog *Rana perezi*)

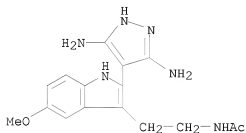
RN 151889-03-1 CAPLUS

CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)

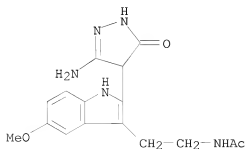


REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

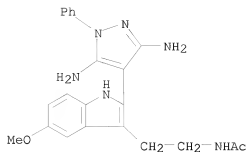
L10 ANSWER 10 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2003:749238 CAPLUS
DOCUMENT NUMBER: 140:76940
TITLE: Synthesis and study of pigment aggregation response of some melatonin derivatives
AUTHOR(S): Doss, S. H.; Mohareb, R. M.; Elmegeed, G. A.; Luoca, N. A.
CORPORATE SOURCE: Hormone Department, National Research Centre, Dokki, Egypt
SOURCE: Pharmazie (2003), 58(9), 607-613
CODEN: PHARAT; ISSN: 0031-7144
PUBLISHER: Govi-Verlag Pharmazeutischer Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 140:76940
IT 639785-03-8P 639785-04-9P 639785-09-4P
639785-10-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis and study of pigment aggregation response of some melatonin derivs.)
RN 639785-03-8 CAPLUS
CN Acetamide, N-[2-[2-(3,5-diamino-1H-pyrazol-4-yl)-5-methoxy-1H-indol-3-yl]ethyl]- (CA INDEX NAME)



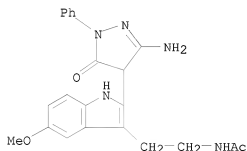
RN 639785-04-9 CAPLUS
CN Acetamide, N-[2-[2-(3-amino-4,5-dihydro-5-oxo-1H-pyrazol-4-yl)-5-methoxy-1H-indol-3-yl]ethyl]- (CA INDEX NAME)



RN 639785-09-4 CAPLUS
CN Acetamide, N-[2-[2-(3,5-diamino-1-phenyl-1H-pyrazol-4-yl)-5-methoxy-1H-indol-3-yl]ethyl]- (CA INDEX NAME)

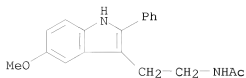


RN 639785-10-7 CAPLUS
 CN Acetamide, N-[2-[2-(3-amino-4,5-dihydro-5-oxo-1-phenyl-1H-pyrazol-4-yl)-5-methoxy-1H-indol-3-yl]ethyl]- (CA INDEX NAME)



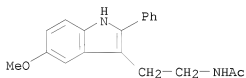
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 11 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2003:253321 CAPLUS
 DOCUMENT NUMBER: 139:31126
 TITLE: Ocular hypotensive effects of melatonin receptor agonists in the rabbit: Further evidence for an MT3 receptor
 AUTHOR(S): Pintor, Jesus; Pelaez, Teresa; Hoyle, Charles H. V.; Peral, Assumpta
 CORPORATE SOURCE: Departamento de Bioquímica y Biología Molecular IV, Departamento de Bioquímica y Biología Molecular IV, E.U. Óptica, c/ Arcos de Jalon s/n, Madrid, 28037, Spain
 SOURCE: British Journal of Pharmacology (2003), 138(5), 831-836
 CODEN: BJPCBM; ISSN: 0007-1188
 PUBLISHER: Nature Publishing Group
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 151889-03-1, 2-Phenylmelatonin
 RL: BSU (Biological study, unclassified); BIOL (Biological study) (ocular hypotensive effects of melatonin receptor agonists in rabbit)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

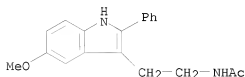
L10 ANSWER 12 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2003:215250 CAPLUS
 DOCUMENT NUMBER: 138:362155
 TITLE: Three-Dimensional Quantitative Structure-Activity Relationship Studies on Selected MT1 and MT2 Melatonin Receptor Ligands: Requirements for Subtype Selectivity and Intrinsic Activity Modulation
 AUTHOR(S): Rivara, Silvia; Mor, Marco; Silva, Claudia; Zuliani, Valentina; Vaccondio, Federica; Spadoni, Gilberto; Bedini, Annalida; Tarzia, Giorgio; Lucini, Valeria; Pannacci, Marilou; Frascchini, Franco; Plazzi, Pier Vincenzo
 CORPORATE SOURCE: Dipartimento Farmaceutico, Universita degli Studi di Parma, Parma, I-43100, Italy
 SOURCE: Journal of Medicinal Chemistry (2003), 46(8), 1429-1439
 CODEN: JMCMAR; ISSN: 0022-2623
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 151889-03-1
 RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (QSAR of MT1 and MT2 melatonin receptor ligands)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

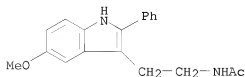
L10 ANSWER 13 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2001:861376 CAPLUS
 DOCUMENT NUMBER: 136:194510
 TITLE: Modulation of Blood Glucose by Melatonin: A Direct Action on Melatonin Receptors in Mouse Hepatocytes
 Poon, A. M. S.; Choy, E. H. Y.; Pang, S. F.
 AUTHOR(S): Department of Physiology, Faculty of Medicine, University of Hong Kong, Peop. Rep. China
 CORPORATE SOURCE: Biological Signals and Receptors (2001), 10(6), 367-379
 CODEN: BSREF3; ISSN: 1422-4933
 PUBLISHER: S. Karger AG
 DOCUMENT TYPE: Journal

LANGUAGE: English
 IT 151889-03-1, 2-Phenylmelatonin
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (inhibitory effect of various indoles on labeled iodomelatonin binding
 in mouse hepatocytes)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

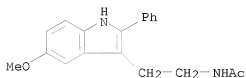
L10 ANSWER 14 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2001:314449 CAPLUS
 DOCUMENT NUMBER: 135:131727
 TITLE: Synthesis, pharmacological characterization and QSAR studies on 2-substituted indole melatonin receptor ligands
 AUTHOR(S): Mor, M.; Spadoni, G.; Di Giacomo, B.; Diamantini, G.; Bedini, A.; Tarzia, G.; Plazzi, P. V.; Rivara, S.; Nonno, R.; Lucini, V.; Pannacci, M.; Fraschini, F.; Stankov, B. M.
 CORPORATE SOURCE: Dipartimento Farmaceutico, Universita degli Studi di Parma, Parma, I-43100, Italy
 SOURCE: Bioorganic & Medicinal Chemistry (2001), 9(4), 1045-1057
 CODEN: BMECEP; ISSN: 0968-0896
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 135:131727
 IT 151889-03-1
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
 (binding affinity and intrinsic activity of 2-substituted indole compds. for the human mtl or MT2 melatonin receptors)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

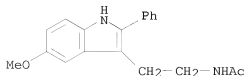
L10 ANSWER 15 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2001:293387 CAPLUS
 DOCUMENT NUMBER: 135:14559
 TITLE: Comparative pharmacological studies of melatonin receptors: mtl, mt2 and mt3/qr2. Tissue distribution

of mt3/qr2
 AUTHOR(S): Nosjean, O.; Nicolas, J.-P.; Klupsch, F.; Delagrangé,
 P.; Canet, E.; Boutin, J. A.
 CORPORATE SOURCE: Pharmacologie Moléculaire et Cellulaire, Institut de
 Recherches Servier, Croissy-sur-Seine, 78290, Fr.
 SOURCE: Biochemical Pharmacology (2001), 61(11), 1369-1379
 CODEN: BCPA6; ISSN: 0006-2952
 PUBLISHER: Elsevier Science Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 151889-03-1, 2-Phenylmelatonin
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
 (Biological study); PROC (Process)
 (melatonin receptor subtypes mt1, mt2 and mt3/qr2 comparative
 pharmacol. in relation to species and tissue)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



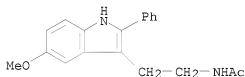
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 16 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2001:90993 CAPLUS
 DOCUMENT NUMBER: 134:304961
 TITLE: Biological activity of melatonin and some analogous:
 geometrical and electrical requirements
 AUTHOR(S): Lopez Sastre, J. A.; Miguel, R. N.; Molina, R. P.;
 Zarzuelo, M. C. G.; Romero-Avila, C.; Ramos, A. G.
 CORPORATE SOURCE: Departamento de Química Orgánica, E.T.S. de Ingenieros
 Industriales, Universidad de Valladolid, Valladolid,
 47071, Spain
 SOURCE: THEOCHEM (2001), 537, 271-281
 CODEN: THEODJ; ISSN: 0166-1280
 PUBLISHER: Elsevier Science B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 151889-03-1
 RL: BPR (Biological process); BSU (Biological study, unclassified); PRP
 (Properties); BIOL (Biological study); PROC (Process)
 (QSAR in receptor binding by melatonin and analogs)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



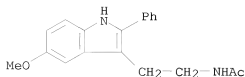
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 17 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2000:784985 CAPLUS
 DOCUMENT NUMBER: 134:799
 TITLE: 2-Phenylmelatonin: a partial agonist at enteric
 melatonin receptors
 AUTHOR(S): Santagostino-Barbone, Maria Grazia; Masoero,
 Elisabetta; Spelta, Valeria; Lucchelli, Adele
 CORPORATE SOURCE: Department of Experimental and Applied Pharmacology,
 School of Pharmacy, University of Pavia, Pavia,
 I-27100, Italy
 SOURCE: Pharmacology & Toxicology (Copenhagen) (2000), 87(4),
 156-160
 CODEN: PHTOEH; ISSN: 0901-9928
 PUBLISHER: Munksgaard International Publishers Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 151889-03-1, 2-Phenylmelatonin
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); BIOL (Biological study)
 (2-phenylmelatonin concentration-dependent agonistic or antagonistic effects
 on melatonin-induced contractile responses in guinea-pig proximal
 colon)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)

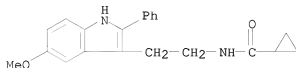


REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

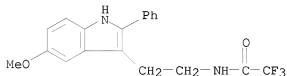
L10 ANSWER 18 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2000:591741 CAPLUS
 DOCUMENT NUMBER: 133:276219
 TITLE: Analog binding to melatonin receptors in chick brain:
 effects of GTP and prazosin
 AUTHOR(S): Neu, John; Niles, Lennard P.; Brough, Paul A.; Chen,
 Jia J.; Snieckus, Victor; Firnau, Gunter
 CORPORATE SOURCE: Department of Biomedical Sciences, Faculty of Health
 Sciences, McMaster University, Hamilton, ON, L8N 3Z5,
 Can.
 SOURCE: Medicinal Chemistry Research (2000), 10(2), 114-121
 CODEN: MCREEB; ISSN: 1054-2523
 PUBLISHER: Birkhaeuser Boston
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 151889-03-1, 2-Phenylmelatonin 151889-06-4
 161500-98-7
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); BIOL (Biological study)
 (analog binding to melatonin receptors in chick brain and effects of
 GTP and prazosin)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



RN 151889-06-4 CAPLUS
 CN Cyclopropanecarboxamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]-
 (CA INDEX NAME)

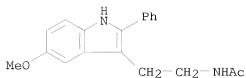


RN 161500-98-7 CAPLUS
 CN Acetamide, 2,2,2-trifluoro-N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]-
 (CA INDEX NAME)



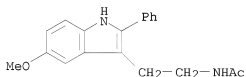
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 19 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2000:122006 CAPLUS
 DOCUMENT NUMBER: 132:146935
 TITLE: Agonistic action of 2-phenylmelatonin on adenylyl
 cyclase activity in the rat hypothalamus
 AUTHOR(S): Niles, Lennard P.; Wang, Jane; Brough, Paul; Snieckus,
 Victor; Firnau, Gunter
 CORPORATE SOURCE: Dep. Biomedical Sci., McMaster Univ., Hamilton, ON,
 L8N 3Z5, Can.
 SOURCE: Pharmacology Reviews and Communications (1999), 10(4),
 305-309
 CODEN: PHRCF6; ISSN: 1028-8945
 PUBLISHER: Harwood Academic Publishers
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 151889-03-1, 2-Phenylmelatonin
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); BIOL (Biological study)
 (2-phenylmelatonin inhibits adenylyl cyclase activity in hypothalamus)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

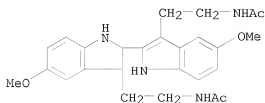
L10 ANSWER 20 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1999:486977 CAPLUS
 DOCUMENT NUMBER: 131:238211
 TITLE: Ligand efficacy and potency at recombinant human MT2 melatonin receptors: evidence for agonist activity of some mtl-antagonists
 AUTHOR(S): Nonno, Romolo; Pannacchi, Marilou; Lucini, Valeria; Angeloni, Deborah; Frascini, Franco; Stankov, Bojidar M.
 CORPORATE SOURCE: Cattedra di Chemioterapia, Dipartimento di Farmacologia, Universita degli Studi di Milano, Milan, 20129, Italy
 SOURCE: British Journal of Pharmacology (1999), 127(5), 1288-1294
 CODEN: BJPCBM; ISSN: 0007-1188
 PUBLISHER: Stockton Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 151889-03-1, 2-Phenylmelatonin
 RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
 (ligand efficacy and potency at recombinant human MT2 melatonin receptors in NIH3T3 fibroblast cells and evidence for agonist activity of mtl-antagonists)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



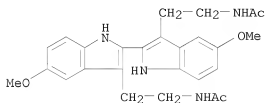
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 21 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1999:382789 CAPLUS
 DOCUMENT NUMBER: 131:199869
 TITLE: The chemistry of indoles. 91. Preparations of melatonin and 1-hydroxymelatonin, and its novel nucleophilic dimerization to (+)-3a,3a'-bispyrrolo[2,3-b]indoles
 AUTHOR(S): Somei, Masanori; Oshikiri, Naoki; Hasegawa, Masakazu; Yamada, Fumio
 CORPORATE SOURCE: Faculty of Pharmaceutical Sciences, Kanazawa University, Kanazawa, 920-0934, Japan
 SOURCE: Heterocycles (1999), 51(6), 1237-1242

PUBLISHER: Japan Institute of Heterocyclic Chemistry
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 131:199869
 IT 241476-14-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of melatonin and 1-hydroxymelatonin, and its nucleophilic
 dimerization to a bispyrrolo[2,3-b]indole)
 RN 241476-14-2 CAPLUS
 CN Acetamide, N,N'-[(2,3-dihydro-5,5'-dimethoxy[2,2'-bi-1H-indole]-3,3'-
 diyl)di-2,1-ethanedyl]bis- (9CI) (CA INDEX NAME)



IT 176244-65-8P, 2,2'-Bismelatonin
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of melatonin and 1-hydroxymelatonin, and its nucleophilic
 dimerization to a bispyrrolo[2,3-b]indole)
 RN 176244-65-8 CAPLUS
 CN Acetamide, N,N'-[(5,5'-dimethoxy[2,2'-bi-1H-indole]-3,3'-diyl)di-2,1-
 ethanedyl]bis- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 22 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1999:51314 CAPLUS
 DOCUMENT NUMBER: 130:246292
 TITLE: N-acyl-5- and -2,5-substituted tryptamines: synthesis,
 activity and affinity for human mtl and MT2 melatonin
 receptors
 AUTHOR(S): Spadoni, Gilberto; Balsamini, Cesarino; Bedini,
 Annalida; Carey, Aedin; Diamantini, Giuseppe; Di
 Giacomo, Barbara; Tontini, Andrea; Tarzia, Giorgio;
 Nonno, Romolo; Lucini, Valeria; Pannacci, Marilou;
 Stankov, Bojidar Michaylov; Frascchini, Franco
 CORPORATE SOURCE: Istituto di Chimica Farmaceutica e Tossicologica,
 Universita degli Studi di Urbino, Urbino, I-61029,
 Italy
 SOURCE: Medicinal Chemistry Research (1998), 8(9), 487-498
 CODEN: MCREEB; ISSN: 1054-2523
 PUBLISHER: Birkhaeuser Boston

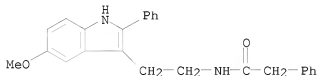
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 221695-63-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(N-acyl and substituted tryptamines: synthesis, activity and affinity for human mtl and MT2 melatonin receptors)

RN 221695-63-2 CAPLUS

CN Benzeneacetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 23 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1998:586982 CAPLUS

DOCUMENT NUMBER: 129:302483

TITLE: Melatonin Receptor Ligands: Synthesis of New Melatonin Derivatives and Comprehensive Comparative Molecular Field Analysis (CoMFA) Study

AUTHOR(S): Mor, Marco; Rivara, Silvia; Silva, Claudia; Bordi, Fabrizio; Plazzi, Pier Vincenzo; Spadoni, Gilberto; Diamantini, Giuseppe; Balsamini, Cesarino; Tarzia, Giorgio; Frascchini, Franco; Lucini, Valeria; Nonno, Romolo; Stankov, Bojidar Michaylov

CORPORATE SOURCE: Dipartimento Farmaceutico, Universita degli Studi di Parma, Parma, I-43100, Italy

SOURCE: Journal of Medicinal Chemistry (1998), 41(20), 3831-3844

CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

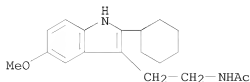
IT 151889-02-0 151889-03-1 214416-46-3

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)

(comparative mol. field anal. applied to melatonin receptor ligands to establish quant. structure-affinity relationships)

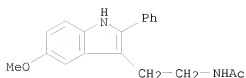
RN 151889-02-0 CAPLUS

CN Acetamide, N-[2-(2-cyclohexyl-5-methoxy-1H-indol-3-yl)ethyl]- (CA INDEX NAME)

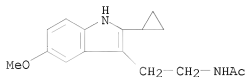


RN 151889-03-1 CAPLUS

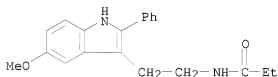
CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



RN 214416-46-3 CAPLUS
 CN Acetamide, N-[2-(2-cyclopropyl-5-methoxy-1H-indol-3-yl)ethyl]- (CA INDEX NAME)

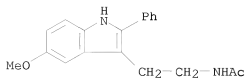


IT 161500-96-5
 RL: PRP (Properties)
 (comparative mol. field anal. applied to melatonin receptor ligands to establish quant. structure-affinity relationships)
 RN 161500-96-5 CAPLUS
 CN Propanamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)

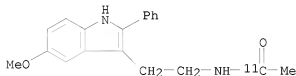


REFERENCE COUNT: 83 THERE ARE 83 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 24 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1998:567341 CAPLUS
 DOCUMENT NUMBER: 129:260278
 TITLE: Synthesis of 2-iodo- and 2-phenyl-[11C]melatonin: potential PET tracers for melatonin binding sites
 AUTHOR(S): Chen, Jia Jun; Fiehn-Schulze, Brita; Brough, Paul A.; Snieckus, Victor; Firna, Gunter
 CORPORATE SOURCE: Section of Radiology and Nuclear Medicine, Hamilton Health Sciences Corporation, McMaster University Medical Centre, Hamilton, ON, L8N 3Z5, Can.
 SOURCE: Applied Radiation and Isotopes (1998), 49(12), 1573-1579
 CODEN: ARISEF; ISSN: 0969-8043
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 151889-03-1P, 2-Phenylmelatonin 213484-91-4P
 RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of 11C-labeled melatonin derivs.)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



RN 213484-91-4 CAPLUS
 CN Acetamide-1-11C, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 25 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1998:370105 CAPLUS

DOCUMENT NUMBER: 129:90709

TITLE: Pharmacological characterization of the human melatonin Mella receptor following stable transfection into NIH3T3 cells

AUTHOR(S): Nonno, Romolo; Lucini, Valeria; Pannacchi, Marilou; Mazzucchelli, Cristina; Angeloni, Deborah; Frascchini, Franco; Stankov, Bojidar M.

CORPORATE SOURCE: Dipartimento di Farmacologia, Cattedra di Chemioterapia, Universita degli Studi di Milano, Milan, 20129, Italy

SOURCE: British Journal of Pharmacology (1998), 124(3), 485-492

CODEN: BJPCBM; ISSN: 0007-1188

PUBLISHER: Stockton Press

DOCUMENT TYPE: Journal

LANGUAGE: English

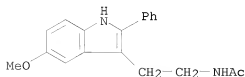
IT 151889-03-1, 2-Phenylmelatonin

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(pharmacol. characterization of human melatonin Mella receptor following stable transfection in NIH3T3 cells)

RN 151889-03-1 CAPLUS

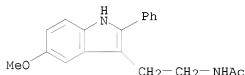
CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 26 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1997:397186 CAPLUS
 DOCUMENT NUMBER: 127:12976
 TITLE: 1-(2-Alkanamidoethyl)-6-methoxyindole Derivatives: A New Class of Potent Indole Melatonin Analogs
 AUTHOR(S): Tarzia, Giorgio; Diamantini, Giuseppe; Di Giacomo, Barbara; Spadoni, Gilberto; Esposti, Daniele; Nonno, Romolo; Lucini, Valeria; Pannacci, Marilou; Fraschini, Franco; Stankov, Bojidar Michaylov
 CORPORATE SOURCE: Istituto di Chimica Farmaceutica e Tossicologica, Universita degli Studi di Urbino, Urbino, I-61029, Italy
 SOURCE: Journal of Medicinal Chemistry (1997), 40(13), 2003-2010
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 151889-03-1, 2-Phenylmelatonin
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
 (preparation of alkanamidoethylmethoxyindole derivs. as melatonin analogs)
 RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 27 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1996:577844 CAPLUS
 DOCUMENT NUMBER: 125:266035
 TITLE: Melatonin derivatives for treatment of circadian rhythm disorders
 INVENTOR(S): Fraschini, Franco; Stankov, Bojidar; Borgonovo, Margherita; Introini, Carlo; Laguzzi, Aldo; Duranti, Ermanno; Moni, Maria T.
 PATENT ASSIGNEE(S): Istituto Farmacologico Lombardo-Iflo, S.A.S., Italy
 SOURCE: U.S., 20 pp., Cont.-in-part of U.S. Ser. No. 80,742, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

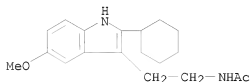
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5552428	A	19960903	US 1994-196380	19940215
PRIORITY APPLN. INFO.:				
			IT 1992-MI1556	A 19920624
			IT 1992-MI1612	A 19920701
			US 1993-80742	B2 19930622
			US 1993-85392	B2 19930630

OTHER SOURCE(S): MARPAT 125:266035
 IT 151889-02-0P 151889-03-1P, 2-Phenylmelatonin
 151889-06-4P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(melatonin derivs. for treatment of circadian rhythm disorders)

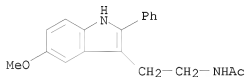
RN 151889-02-0 CAPLUS

CN Acetamide, N-[2-(2-cyclohexyl-5-methoxy-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



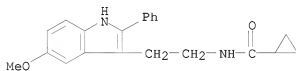
RN 151889-03-1 CAPLUS

CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



RN 151889-06-4 CAPLUS

CN Cyclopropanecarboxamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



L10 ANSWER 28 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1996:267285 CAPLUS

DOCUMENT NUMBER: 124:333337

ORIGINAL REFERENCE NO.: 124:61589a,61592a

TITLE: New molecules active at the melatonin receptor level

AUTHOR(S): Frascchini, Franco; Stankov, Bojidar

CORPORATE SOURCE: University of Milan, Milan, 20129, Italy

SOURCE: NATO ASI Series, Series A: Life Sciences (1995),

277(Pineal Gland and Its Hormones), 131-8

CODEN: NALSDJ; ISSN: 0258-1213

PUBLISHER: Plenum

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 151889-02-0 151889-03-1 151889-06-4

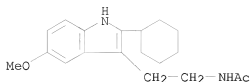
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(melatonin receptor binding and melatonin agonist and antagonist activity)

RN 151889-02-0 CAPLUS

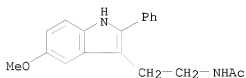
CN Acetamide, N-[2-(2-cyclohexyl-5-methoxy-1H-indol-3-yl)ethyl]- (CA INDEX

NAME)



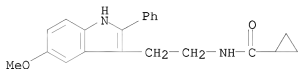
RN 151889-03-1 CAPLUS

CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



RN 151889-06-4 CAPLUS

CN Cyclopropanecarboxamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



L10 ANSWER 29 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1996:196640 CAPLUS

DOCUMENT NUMBER: 124:227414

ORIGINAL REFERENCE NO.: 124:42029a, 42032a

TITLE: Comparison of the pharmacological characteristics of 2-[125I]iodomelatonin binding sites in the lung, spleen, brain and kidney of chicken

AUTHOR(S): Pang, Celia S.; Tang, Pak, L.; Pang, Shiu, F.; Brown, Gregroy M.

CORPORATE SOURCE: Clarke Inst. of Psychiatry, Toronto, Can.

SOURCE: Biological Signals (1996), Volume Date 1995, 4(6), 311-24

CODEN: BISIEH; ISSN: 1016-0922

PUBLISHER: Karger

DOCUMENT TYPE: Journal

LANGUAGE: English

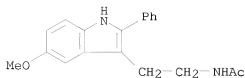
IT 151889-03-1, 2-Phenylmelatonin

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(comparison of the pharmacol. characteristics of 2-[125I]iodomelatonin binding sites in the lung, spleen, brain and kidney of chicken)

RN 151889-03-1 CAPLUS

CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



L10 ANSWER 30 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1996:157889 CAPLUS

DOCUMENT NUMBER: 124:317819

ORIGINAL REFERENCE NO.: 124:58961a,58964a

TITLE: Studies on the dimerization of melatonin (5-methoxy-N-acetyltryptamine) and related compounds in acid medium. Oxidation of 2-arylindoles into 2-arylindoles

AUTHOR(S): Charlet-Fagnere, Catherine; Laronze, Jacqueline; Laronze, Jean-Yves; Toupet, Loic; Vistelle, Richard; Lamiable, Denis; Mouchard, Corinne; Renard, Pierre; Adam, Gerard

CORPORATE SOURCE: Faculte Pharmacie, Univ Reims, Reims, 51096, Fr.

SOURCE: Bulletin de la Societe Chimique de France (1996), 133(1), 39-50

CODEN: BSCFAS; ISSN: 0037-8968

PUBLISHER: Elsevier

DOCUMENT TYPE: Journal

LANGUAGE: French

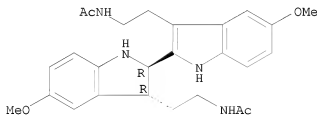
IT 176244-57-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent) (dimerization of melatonin and related compds. in acid medium)

RN 176244-57-8 CAPLUS

CN Acetamide, N,N'-[(2,3-dihydro-5,5'-dimethoxy[2,2'-bi-1H-indole]-3,3'-diyl)di-2,1-ethanediyl]bis-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

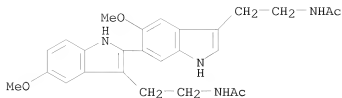


IT 176244-68-1P

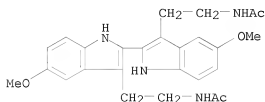
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (dimerization of melatonin and related compds. in acid medium)

RN 176244-68-1 CAPLUS

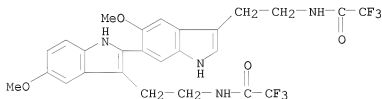
CN Acetamide, N,N'-[(5,5'-dimethoxy[2,6'-bi-1H-indole]-3,3'-diyl)di-2,1-ethanediyl]bis- (9CI) (CA INDEX NAME)



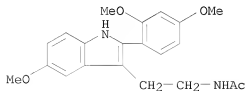
IT 176244-65-8P 176244-69-2P 176244-70-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (dimerization of melatonin and related compds. in acid medium)
 RN 176244-65-8 CAPLUS
 CN Acetamide, N,N'-[(5,5'-dimethoxy[2,2'-bi-1H-indole]-3,3'-diyl)di-2,1-ethanediyl]bis- (9CI) (CA INDEX NAME)



RN 176244-69-2 CAPLUS
 CN Acetamide, N,N'-[(5,5'-dimethoxy[2,6'-bi-1H-indole]-3,3'-diyl)di-2,1-ethanediyl]bis[2,2,2-trifluoro- (9CI) (CA INDEX NAME)

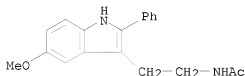


RN 176244-70-5 CAPLUS
 CN Acetamide, N-[2-(2-(2,4-dimethoxyphenyl)-5-methoxy-1H-indol-3-yl)ethyl]- (CA INDEX NAME)

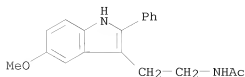


L10 ANSWER 31 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1996:141824 CAPLUS
 DOCUMENT NUMBER: 124:198520
 ORIGINAL REFERENCE NO.: 124:36638h,36639a
 TITLE: 2-[125I]iodomelatonin binding sites in the quail
 heart: characteristics, distribution and modulation by
 guanine nucleotides and cations

AUTHOR(S): Pang, C. S.; Tang, P. L.; Song, Y.; Brown, G. M.;
Pang, S. F.
CORPORATE SOURCE: Clarke Inst. Psychiatry, Toronto, ON, Can.
SOURCE: Life Sciences (1996), 58(13), 1047-57
CODEN: LIFSAB; ISSN: 0024-3205
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 151889-03-1
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)
(melatonin binding sites in the quail heart)
RN 151889-03-1 CAPLUS
CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)

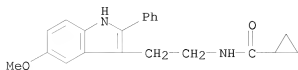


L10 ANSWER 32 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1995:448388 CAPLUS
DOCUMENT NUMBER: 122:178584
ORIGINAL REFERENCE NO.: 122:32501a, 32504a
TITLE: Mapping the Melatonin Receptor. 3. Design and
Synthesis of Melatonin Agonists and Antagonists
Derived from 2-Phenyltryptamines
AUTHOR(S): Garratt, Peter J.; Jones, Rob; Tocher, Derek A.;
Sugden, David
CORPORATE SOURCE: Department of Chemistry, University College London,
London, WC1H 0AJ, UK
SOURCE: Journal of Medicinal Chemistry (1995), 38(7), 1132-9
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 151889-03-1P 151889-06-4P 161500-96-5P
161500-97-6P 161500-98-7P 161500-99-8P
161501-00-4P 161501-01-5P 161501-02-6P
161501-03-7P
RL: BAC (Biological activity or effector, except adverse); BPR (Biological
process); BSU (Biological study, unclassified); PRP (Properties); SPN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); PROC
(Process)
(phenyltryptamine melatonin receptor agonist and antagonist design and
synthesis)
RN 151889-03-1 CAPLUS
CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



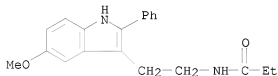
RN 151889-06-4 CAPLUS

CN Cyclopropanecarboxamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]-
(CA INDEX NAME)



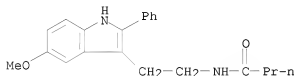
RN 161500-96-5 CAPLUS

CN Propanamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



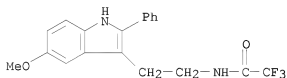
RN 161500-97-6 CAPLUS

CN Butanamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



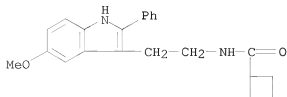
RN 161500-98-7 CAPLUS

CN Acetamide, 2,2,2-trifluoro-N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]-
(CA INDEX NAME)



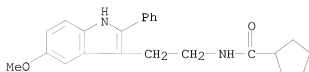
RN 161500-99-8 CAPLUS

CN Cyclobutanecarboxamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]-
(CA INDEX NAME)



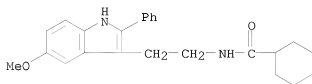
RN 161501-00-4 CAPLUS

CN Cyclopentanecarboxamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]-
(CA INDEX NAME)



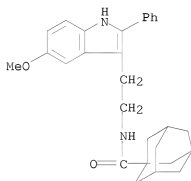
RN 161501-01-5 CAPLUS

CN Cyclohexanecarboxamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]-
(CA INDEX NAME)



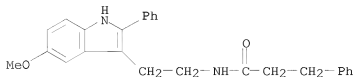
RN 161501-02-6 CAPLUS

CN Tricyclo[3.3.1.1^{3,7}]decane-1-carboxamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



RN 161501-03-7 CAPLUS

CN Benzenepropanamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



L10 ANSWER 33 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1994:646842 CAPLUS

DOCUMENT NUMBER: 121:246842

ORIGINAL REFERENCE NO.: 121:44851a,44854a

TITLE: The adult human cerebellum is a target of the

neuroendocrine system involved in the circadian timing

AUTHOR(S): Fauteck, Jan-Dirk; Lerchl, Alexander; Bergmann, Markus; Moller, Morten; Fraschini, Franco; Wittkowski, Werner; Stankov, Bojidar

CORPORATE SOURCE: Institute of Anatomy, Westfaelische Wilhelms-Universitaet, Vesaliusweg 2-4, Munster, 48149, Germany

SOURCE: Neuroscience Letters (1994), 179(1-2), 60-4
CODEN: NELED5; ISSN: 0304-3940

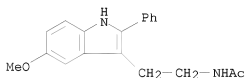
DOCUMENT TYPE: Journal

LANGUAGE: English

IT 151889-03-1, Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]-
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(melatonin receptors of human cerebellum and their characterization)

RN 151889-03-1 CAPLUS

CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



L10 ANSWER 34 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1994:409157 CAPLUS

DOCUMENT NUMBER: 121:9157

ORIGINAL REFERENCE NO.: 121:1941a,1944a

TITLE: Tryptamines for treatment of circadian rhythm disorders

INVENTOR(S): Duranti, Ermanno; Fraschini, Franco; Laguzzi, Aldo; Stankov, Bojidar

PATENT ASSIGNEE(S): I.F.L.O. S.a.s. di Giorgio e Aldo Laguzzi, Italy

SOURCE: Eur. Pat. Appl., 15 pp.

CODEN: EPXXDW

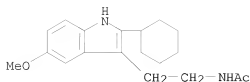
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

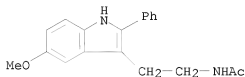
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 585206	A1	19940302	EP 1993-830269	19930624
EP 585206	B1	19991208		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
AT 187442	T	19991215	AT 1993-830269	19930624
JP 06183968	A	19940705	JP 1993-159817	19930630
PRIORITY APPLN. INFO.:			IT 1992-MI1612	A 19920701
IT 151889-02-0P, N-Acetyl-2-cyclohexyl-5-methoxytryptamine				
151889-03-1P, N-Acetyl-5-methoxy-2-phenyltryptamine				
151889-06-4P, N-Cyclopropylcarbonyl-5-methoxy-2-phenyltryptamine				
RL: SPN (Synthetic preparation); PREP (Preparation)				
(preparation of, as drug for circadian rhythm disorders)				
RN 151889-02-0 CAPLUS				
CN Acetamide, N-[2-(2-cyclohexyl-5-methoxy-1H-indol-3-yl)ethyl]- (CA INDEX NAME)				



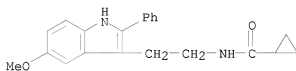
RN 151889-03-1 CAPLUS

CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



RN 151889-06-4 CAPLUS

CN Cyclopropanecarboxamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



L10 ANSWER 35 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1994:77615 CAPLUS

DOCUMENT NUMBER: 120:77615

ORIGINAL REFERENCE NO.: 120:13985a,13988a

TITLE: 2-Substituted 5-methoxy-N-acyltryptamines: synthesis, binding affinity for the melatonin receptor, and evaluation of the biological activity

AUTHOR(S): Spadoni, Gilberto; Stankov, Bojidar; Duranti, Andrea; Biella, Gabriele; Lucini, Valeria; Salvatori, Americo; Fraschini, Franco

CORPORATE SOURCE: Inst. Med. Chem., Univ. Urbino, Urbino, 61029, Italy
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4069-74
CODEN: JMCMAR; ISSN: 0022-2623

DOCUMENT TYPE: Journal

LANGUAGE: English

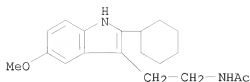
OTHER SOURCE(S): CASREACT 120:77615

IT 151889-02-0P 151889-03-1P 151889-06-4P

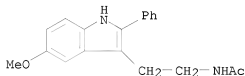
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and binding of, with melatonin receptor)

RN 151889-02-0 CAPLUS

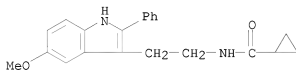
CN Acetamide, N-[2-(2-cyclohexyl-5-methoxy-1H-indol-3-yl)ethyl]- (CA INDEX NAME)



RN 151889-03-1 CAPLUS
 CN Acetamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]- (CA INDEX NAME)

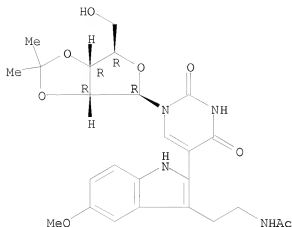


RN 151889-06-4 CAPLUS
 CN Cyclopropanecarboxamide, N-[2-(5-methoxy-2-phenyl-1H-indol-3-yl)ethyl]-
 (CA INDEX NAME)



L10 ANSWER 36 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1981:192661 CAPLUS
 DOCUMENT NUMBER: 94:192661
 ORIGINAL REFERENCE NO.: 94:31540h,31541a
 TITLE: Organic chemical approach to photo-cross-links of
 nucleic acids to proteins
 AUTHOR(S): Matsuura, Teruo; Saito, Isao; Ito, Satoru; Sugiyama,
 Hiroshi; Shinmura, Tetsuya
 CORPORATE SOURCE: Dep. Synth. Chem., Kyoto Univ., Kyoto, 606, Japan
 SOURCE: Pure and Applied Chemistry (1980), 52(12), 2705-15
 CODEN: PACHAS; ISSN: 0033-4545
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 68798-00-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 68798-00-5 CAPLUS
 CN Uridine, 5-[3-[2-(acetamino)ethyl]-5-methoxy-1H-indol-2-yl]-2',3'-O-(1-
 methylethylidene)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L10 ANSWER 37 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1980:639865 CAPLUS

DOCUMENT NUMBER: 93:239865

ORIGINAL REFERENCE NO.: 93:38447a,38450a

TITLE: Acetone-sensitized photocoupling of 5-bromouridine to tryptophan derivatives via electron-transfer process
 AUTHOR(S): Ito, Satoru; Saito, Isao; Matsuura, Teruo
 CORPORATE SOURCE: Fac. Eng., Kyoto Univ., Kyoto, 606, Japan
 SOURCE: Journal of the American Chemical Society (1980), 102(25), 7535-41

CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal

LANGUAGE: English

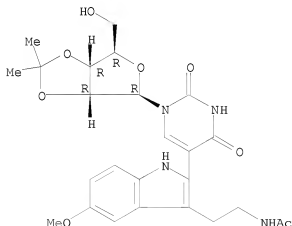
IT 68798-00-5P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (preparation and fluorescence spectrum of)

RN 68798-00-5 CAPLUS

CN Uridine, 5-[3-[2-(acetamino)ethyl]-5-methoxy-1H-indol-2-yl]-2',3'-O-(1-methylethylidene)- (9CI) (CA INDEX NAME)

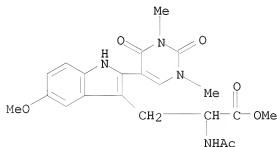
Absolute stereochemistry.



L10 ANSWER 38 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1980:58811 CAPLUS
 DOCUMENT NUMBER: 92:58811
 ORIGINAL REFERENCE NO.: 92:9747a,9750a
 TITLE: Uracil derivatives
 INVENTOR(S): Matsuura, Teruo; Saito, Takeshi
 PATENT ASSIGNEE(S): Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

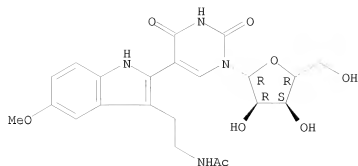
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 54112880	A	19790904	JP 1978-18097	19780221
PRIORITY APPLN. INFO.:			JP 1978-18097	A 19780221
IT 72398-92-6P				
RL: SPN (Synthetic preparation); PREP (Preparation of)				
(preparation of)				
RN 72398-92-6	CAPLUS			
CN Tryptophan, N-acetyl-5-methoxy-2-(1,2,3,4-tetrahydro-1,3-dimethyl-2,4-dioxo-5-pyrimidinyl)-, methyl ester (CA INDEX NAME)				



L10 ANSWER 39 OF 39 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1979:39159 CAPLUS
 DOCUMENT NUMBER: 90:39159
 ORIGINAL REFERENCE NO.: 90:6323a,6326a
 TITLE: Photoinduced reactions. 103. A new, direct method for introduction of indolyl groups at the 5-position of uridine. Photochemical synthesis of model compounds for nucleic acid-protein adducts
 AUTHOR(S): Saito, Isao; Ito, Satoru; Matsuura, Teruo
 CORPORATE SOURCE: Dep. Synth. Chem., Kyoto Univ., Kyoto, Japan
 SOURCE: Tetrahedron Letters (1978), (29), 2585-8
 CODEN: TELEAY; ISSN: 0040-4039
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 68768-35-4P 68768-37-6P 68798-00-5P
 RL: SPN (Synthetic preparation); PREP (Preparation of)

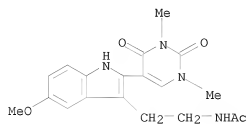
RN 68768-35-4 CAPLUS
 CN Uridine, 5-[3-[2-(acetylamino)ethyl]-5-methoxy-1H-indol-2-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 68768-37-6 CAPLUS

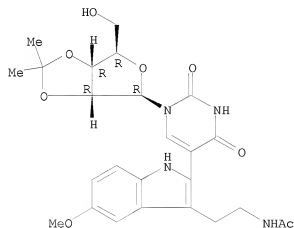
CN Acetamide, N-[2-{5-methoxy-2-(1,2,3,4-tetrahydro-1,3-dimethyl-2,4-dioxo-5-pyrimidinyl)-1H-indol-3-yl}ethyl]- (CA INDEX NAME)



RN 68798-00-5 CAPLUS

CN Uridine, 5-[3-{2-(acetylamino)ethyl}-5-methoxy-1H-indol-2-yl]-2',3'-O-(1-methylethylidene)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> FIL STNGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
147.69	691.55

FILE 'STNGUIDE' ENTERED AT 13:42:50 ON 28 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 27, 2008 (20080527/UP).

=>

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.10

693.65

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 14:03:56 ON 28 MAY 2008